ABSTRACT

1   A time-domain time-scale modification method based on the

2   synchronous   overlap-and-add   method   consists   of   a

3   generalization   of   the   envelope-matching   time-scale

4   modification method. The cross-correlation function employs a

5   fixed-size cross-correlation buffer to eliminate the need for

6   normalization inside the search loop. This fixed-size cross-

7   correlation   buffer   is   the   center   of   the   overlap   region

8   corresponding to the case where the fine overlap adjustment

9   value   is   set   to   zero.   The   computational   cost   of   this

10   invention is lower than any other method with a comparable

11   quality.